



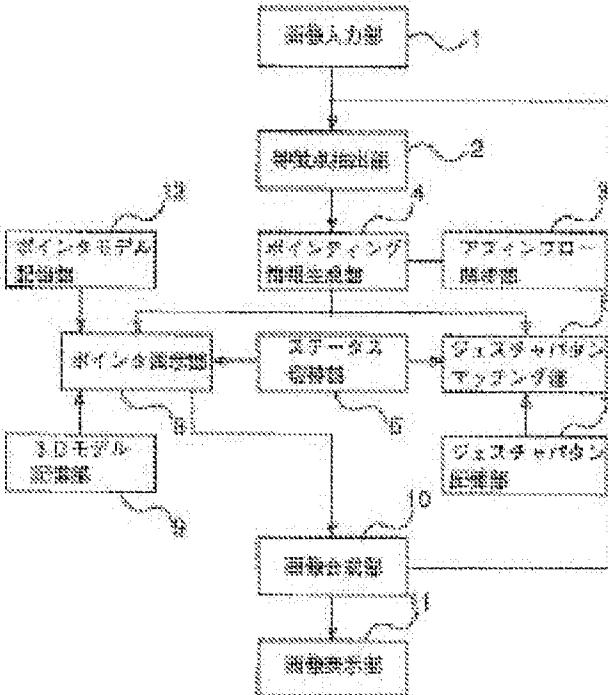
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MOVING PICTURE PROCESSOR

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Abstract of JP 6089342 (A)

PURPOSE: To provide the moving picture processor which inputs plural pieces of image information and detects the motion and structure of an object from a shift in the position of a feature point of an image. **CONSTITUTION:** This moving picture processor is equipped with an image input part 1 which inputs the pieces of image information corresponding to plural images, a feature point extraction part 2 which extracts feature points from the respective images, and an affine flow analysis part 3 which estimate affine deformation between the images from position shifts of at least three feature points between the images, compares position shifts of feature points different from the feature points used for the affine deformation with position shifts as a result of the application of the estimated affine deformation to find virtual parallax, and estimates motion information on an observer who has photographed the images from the estimated affine deformation information and virtual parallax information.



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